RAW SEQUENCE LISTING

DATE: 07/05/2001

PATENT APPLICATION: US/09/647,965

3 <110> APPLICANT: Hiscott, John

TIME: 16:22:13

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Lin, Rongtuan
      6 <120> TITLE OF INVENTION: HIGHLY ACTIVE FORMS OF INTERFERON
              REGULATORY FACTOR PROTEINS
      9 <130> FILE REFERENCE: A33606-PCT-USA 071235.0111
     11 <140> CURRENT APPLICATION NUMBER: US 09/647,965
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C--> 12 <141> CURRENT FILING DATE: 2001-05-24
     14 <150> PRIOR APPLICATION NUMBER: PCT/CA99/00314
     15 <151> PRIOR FILING DATE: 1999-04-07
     17 <150> PRIOR APPLICATION NUMBER: CA 2,234,588
     18 <151> PRIOR FILING DATE: 1998-04-07
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     30 <221> NAME/KEY: CDS
     31 <222> LOCATION: (1)...(1284)
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     35 Met Gly Thr Pro Lys Pro Arg Ile Leu Pro Trp Leu Val Ser Gln Leu
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     38 gac ctg ggg caa ctg gag ggc gtg gcc tgg gtg aac aag agc cgc acg
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     39 Asp Leu Gly Gln Leu Glu Gly Val Ala Trp Val Asn Lys Ser Arg Thr
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     42 cgc ttc cgc atc cct tgg aag cac ggc cta cgg cag gat gca cag cag
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     43 Arg Phe Arg Ile Pro Trp Lys His Gly Leu Arg Gln Asp Ala Gln Gln
     46 gag gat ttc gga atc ttc cag gcc tgg gcc gag gcc act ggt gca tat
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     47 Glu Asp Phe Gly Ile Phe Gln Ala Trp Ala Glu Ala Thr Gly Ala Tyr
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     50 gtt ccc ggg agg gat aag cca gac ctg cca acc tgg aag agg aat ttc
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     51 Val Pro Gly Arg Asp Lys Pro Asp Leu Pro Thr Trp Lys Arg Asn Phe
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     54 cgc tct gcc ctc aac cgc aaa gaa ggg ttg cgt tta gca gag gac cgg
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     55 Arg Ser Ala Leu Asn Arg Lys Glu Gly Leu Arg Leu Ala Glu Asp Arg
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    59 Ser Lys Asp Pro His Asp Pro His Lys Ile Tyr Glu Phe Val Asn Ser
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    62 gga gtt ggg gac ttt tcc cag cca gac acc tct ccg gac acc aat ggt
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    63 Gly Val Gly Asp Phe Ser Gln Pro Asp Thr Ser Pro Asp Thr Asn Gly
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    66 gga ggc agt act tot gat acc cag gaa gac att ctg gat gag tta ctg
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    67 Gly Gly Ser Thr Ser Asp Thr Gln Glu Asp Ile Leu Asp Glu Leu Leu
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	145	non	Mec	* 44.	Deu	150	110	LCu	110	пор	155	GLY	110	110	501	160	
		αta	acc	cct	αaα		tac	cct	car	CCC		caa	anc	CCC	аσс		528
	-	_	_	Pro			-		_		_		-				320
76	нта	vaı	нта	PIO	165	PIO	Cys	FIU	GIII	170	ьeu	мту	261	FIO	175	пец	
	ma.n	2 2 t	000	act		tta	002	220	ata		000	tat	παπ	aac		cta	576
				Thr													370
80	кэр	ASII	FIO	180	FIU	FIIC	PIU	กอแ	185	GLY	PIO	SET	GIU	190	rio	Deu	
	224	oaa	ata	ttg	a+a	000	aaa	m 2 2		+ ~ ~	~~~	++-	a a a		202	acc	624
				Leu													024
84	nys	AIG	195	Leu	Val		GIY	200	GIU	пр	GIU	riie	205	vai	1111	AIG	
	++~	+ 2.0		ggc	.000	a aa	at a		a 2 a	a 2 a	300	a+ a		+ 00	000	a a a	672
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	_	ьеи	Arg	Leu	vaı	_	ser	GIU	vaı	GTĀ	_	Arg	THE	ьец	PIO	_	
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	_				-		_				_	_		_		g cac	864
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	_			r Tyr	Trp	н Ата			GIU	GLU	Let			Asn	Sei	r Gly	
108		290					295					300					0.60
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			Pro	o Asp	GLY		vaı	. Pro	р гуз	Asp	_		. Сту	GIY	va.	l Phe	
	305					310					315					320	1000
		-					_	_	_				_	_		a agc	1008
	_	Leu	ı GIŞ	Pro			Val	. Asp	) Leu			. Pne	Thr	Glu	_	Ser	
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	σασ	aac	atg	gat		caq	aac	cct	aga		agc	tga					1284
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	Glu	_	Phe	Gly	Ile	Phe		Ala	Trp	Ala	Glu		Thr	GTA	Ala	Tyr	
156		50	<b>a</b> 1			_	55	_		_	-1	60			•	nl	
		Pro	GTĀ	Arg	Asp	_	Pro	Asp	Leu	Pro		Trp	Lys	Arg	Asn		
158		Com	<b>31</b> 0	T	7	70	T	a1	<b>a</b> 1	т	75	т		<b>a</b> 1	7 ~~	80	
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		Lvc	λαη	Dro		7 cn	Dro	піс	Tvc		Пттт	Clu	Phe	Wa 1	-	Sor	
162	ser	nys	ASP	100	птъ	ASP	PIO	птъ	105		тұт	GIU	Pile	110	ASII	ser	
	G1 v	Va 1	Glv		Dho	Sor	Gln	Dro			Sor	Dro	Asp		Δen	Clv	
164	OLY	vu.	115	пор	rne	DCI	GIII	120	пор	1111	Der	rio	125	1111	non	GLY	
	Glv	Glv		Thr	Ser	Asp	Thr		Glu	Asp	Tle	Len	Asp	Glu	Len	Leu	
166	1	130			001	PF	135	01	OLU	P		140		0			
	Glv		Met	Val	Leu	Ala		Leu	Pro	Asp	Pro	-	Pro	Pro	Ser	Leu	
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169	Ala	Val	Ala	Pro	Glu	Pro	Cys	Pro	Gln	Pro	Leu	Arg	Ser	Pro	Ser	Leu	
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172				180					185					190			
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	Trp	Pro	Val	Thr		Pro	Asp	Pro	GLY		Ser	Leu	Thr	Asp		GIĀ	
180	17 n 1	Mah		Ш	245	3	T7.2 _	77- 1	<b>.</b>	250	Q	<b>T</b>	<b>01</b>	<b>01</b>	255	T	
181	val	Mer	ser	260	Val	Arg	нтг	AgT	ьеи 265	ser	Cys	ьeu	Gly	270	стА	тéп	
	Δla	Leu	Trn		<b>Δ</b> 1 =	G1v	Gln	Фъъ		Ттт	Δla	Gln	Arg		G1 17	Hic	
184	лти	Leu	275	ary	пта	G T Å	3111	280	Leu	11P	TIG	GIII	285	Leu	сту	1112	
	Cvs	His		Tvr	Trp	Ala	Va1		Glu	G] n	Leu	Leu	Pro	Asn	Ser	Glv	
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191 Gly Arg Ser Pro Arg Tyr Ala Leu Trp Phe Cys Val Gly Glu Ser Trp
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193 Pro Gln Asp Gln Pro Trp Thr Lys Arg Leu Val Met Val Lys Val Val
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/647,965

DATE: 07/05/2001 TIME: 16:22:13

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274	Arg	ьуs 50	ASP	ьeu	ser	GIU	55	ASP	Ата	Arg	тте		ьуѕ	Ата	Trp	Ald	
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279		Ата	ALY	СТУ	AIG	70	PIO	PIO	ser	ser	75	СТА	СТА	СТА	PIO	80	
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283	rio	GIU	Ата	Giu	85	Ата	GIU	AIG	Ата	90	111	пуз	. 1111	ASII	95	AIG	
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287	O _I D	112.0	шси	100	JUL	T 111	****9	111.9	105	vai	1100	БСС	1119	110	11511	DCI	
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/647,965

DATE: 07/05/2001

TIME: 16:22:14

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Output Set: N:\CRF3\07032001\1647965.raw

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